

OPTICAL ACQUISITION SYSTEMS FOR
DIRECT-TO-DIGITAL HOLOGRAPHY AND HOLOVISION

ABSTRACT OF THE DISCLOSURE

Optical acquisition systems for direct-to-digital
holography are disclosed. The system includes an
illumination lens for focusing a reference beam and a
5 beam splitter optically coupled to the illumination lens
by the reference beam. A reference mirror is located at
a waist of the reference beam and operates to eliminate a
reference objective.